

December 7, 2004

NEW WAVE TECHNOLOGIES
PUR-WATER
CHARLIE BORCHARD
3315 ORANGE GROVE AV
NORTH HIGHLANDS CA 95660

Re: Description: GREYWATER REUSE SYSTEM COMPONENT
Manufacturer: NEW WAVE TECHNOLOGIES
Product Name: PUR-WATER RECOVERY SYSTEMS
Model Number(s): PW100 FS-CS-3AS, PW100 FS-CS-5AS, PW100-5MAS, PW100-5MB,
PW100-5M12O, PW200-5MAS, PW200-5MB, PW200-5M12O, PW200-5M24O,
PW300-5MAS, PW300-5MB, PW300-5M12O AND PW300-5M24O
Product File No: 20040529

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of December 2009.

This approval is contingent upon compliance with the following stipulation(s):

- If these approved devices are modified or additional assertions of function or performance are made, then this approval shall be considered null and void, unless the change is submitted to the department for review and the approval is reaffirmed.
- The ozonation devices must be installed and maintained in accordance with the manufacturer's published instructions. The ozonation devices shall be sized such that a CT value of greater than, or equal to, 1.6 is maintained at all times. "T" is the time it takes the water to move from the point where the initial disinfectant residual concentration is measured to the point where the final disinfectant residual concentration is measured in a specified disinfection segment. "C" is the measured concentration of dissolved ozone in mg/l. There shall be an ozone residual of greater than, or equal to, 0.1 mg/l after 5 minutes of contact time. All system components exposed to ozone shall be resistant to the corrosive effects of ozone. The ozonation device must be in place and functioning properly at all times when this system is in operation. Potential ozone inhalation exposure shall not exceed 0.1 mg/l (by volume) for system operators averaged over an eight-hour work shift (OSHA).

Only the model numbers with the "O" suffix (i.e. "PW100-5M12O", "PW200-5M12O", "PW200-5M24O", "PW300-5M12O" and "PW300-5M24O" include the ozonation system. These specific "O" series models are approved for disinfection and odor control.

- The air sparging devices must be installed and maintained in accordance with the manufacturer's published instructions.

Only the model numbers with the "AS" and/or "O" suffix (i.e. "PW100 FS-CS-3AS", "PW100 FS-CS-5AS", "PW100-5MAS", "PW200-5MAS", "PW300-5MAS", "PW100-5M12O", "PW200-5M12O", "PW200-5M24O", "PW300-5M12O" and "PW300-5M24O" include the air sparging system. The specific "AS" series models are approved for odor control only.

- None of these devices shall be used with the enzymatic additive. The enzymatic additive is not approved for use in Wisconsin.

This means that no model numbers with the letter "B" in the suffix shall be sold, installed or otherwise used in Wisconsin.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation that may result from its use.

Sincerely,

Glen W. Schlueter
Engineering Consultant-Plumbing Product Reviewer
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Safety and Buildings Division
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